

Table 1 2009 Municipal Recycled Water Survey^a: North Coast Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)										
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Del Norte	Best Western Ship Ashore Motel	34											34
Del Norte	Pelican Bay State Prison (CA Dept of Corrections)	45			45								
Humboldt	Arcata, City of	1,855										1,855	
Humboldt	Ferndale, City of	53		53									
Humboldt	McKinleyville CSD	70			70								
Mendocino	Gualala CSD	77	77										
Mendocino	Westport CWD	12			12								
Siskiyou	Montague, City of	115			115								
Siskiyou	Weed, City of	306			306								
Sonoma	Bodega Bay Public Utility District	155		155									
Sonoma	Santa Rosa, City of	19,077	123	101	5,030			12,665					1,157
Sonoma	Sonoma County Water Agency	2,951	103		2,658							190	
Sonoma	Windsor, Town of / Windsor Water District	1,023	261	323	439								
Sonoma	US Coast Guard Training Center (Petaluma)	57			57								
Trinity	Weaverville, City of	^d											
North Coast Region Totals ^c :		25,830	564	632	8,732	0	0	12,665	0	0	0	2,045	1,191

Footnotes are after Table 10

Table 2 2009 Municipal Recycled Water Survey^a: San Francisco Bay Region Recycled Water Beneficial Uses

			Beneficial Use (AF/Year)											
County	Supplier	Total (AF/year) ^c	Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other	
Alameda	Alameda, City of	336	336											
Alameda	Dublin San Ramon Services District	1,814	326	1,487										
Alameda	East Bay Dischargers Authority	188	188											
Alameda	Livermore, City of	809	417	392										
Alameda	San Leandro, City of	311	311											
Alameda	Union Sanitary District	3,493										3,493		
Contra Costa	Central Contra Costa Sanitary District	1,827	354	261		1	1,211							
Contra Costa	East Bay Municipal Utility District	6,216	561	939		11	4,705							
Contra Costa	Mountain View Sanitation District	2,244										2,244		
Marin	Marin Municipal Water District	700	100	550		50								
Marin	North Marin Water District	210	210											
Marin	Novato Sanitary District	3,246			3,246									
Marin	Richardson Bay Sanitary District	^d												
Marin	Sewerage Agency of Southern Marin	31		31										
Napa	American Canyon, City of	42			42									
Napa	Calistoga, City of	336											336	
Napa	Meadowood Resort Hotel	48	48											
Napa	Napa Sanitation District	635	317	256	1	52							9	
Napa	Pacific Union College	116			116									
Napa	St. Helena, City of	23			15							8		

Napa	Yountville, Town of	379	75		303								1
San Mateo	North San Mateo County Sanitation District	469	457	12									
San Mateo	Pacifica, City of	3,280										3,280	
San Mateo	Redwood, City of	362		362									
Santa Clara	Mountain View, City of	135	124	11									
Santa Clara	Palo Alto, City of	148		148									
Santa Clara	San Jose, City of	10,702	1,429	4,323	1		2,732						2,217
Santa Clara	Sunnyvale, City of	610	215	385			10						
Solano	Fairfield, City of	53		53									
Solano	Solano Irrigation District	40											40
Sonoma	Petaluma, City of	2,200	594		1,606								
San Francisco Bay Region Totals ^c :		41,003	6,062	9,210	5,330	114	8,658	0	0	0	0	9,025	2,603

Footnotes are after Table 10

Table 3 2009 Municipal Recycled Water Survey^a: Central Coast Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)										
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Monterey	California American Water Company – Monterey	515	126	365	24								
Monterey	Canada Woods Water Reclamation Facility	11											11
Monterey	Carmel Area Wastewater District	995	497	498									
Monterey	Monterey Regional Water Pollution Control Agency	11,814			11,814								
San Benito	Hollister, City of	101		101									
San Benito	Sunnyslope CWD	11		11									
San Luis Obispo	Cambria Community Services District	950			950								
San Luis Obispo	California Men's Colony (CA Dept of Corrections)	234	234										
San Luis Obispo	San Luis Obispo, City of	138		138									
Santa Barbara	Goleta Water District	932	466	466									
Santa Barbara	Guadalupe, City of	403			403								
Santa Barbara	Laguna County Sanitation District	2,037 ^d			2,006		31						
Santa Barbara	Lompoc, City of												
Santa Barbara	Mission Hills Community Services District	229			229								
Santa Barbara	Santa Barbara, City of	718	300	408			4						6

Santa Barbara	Solvang, City of	1,034			1,034								
Santa Barbara	U. S. Penitentiary – Lompoc	646			646								
Santa Clara	South County Regional Wastewater Authority	988	509	62	213		204						
Santa Cruz	Pajaro Valley Water Management Agency	1,500			1,500								
Santa Cruz	Santa Cruz County Dept of Public Works	79		45	8		26						
Santa Cruz	Scotts Valley Water District	168		168									
Central Coast Region Totals ^c :		23,503	2,132	2,262	18,827	0	265	0	0	0	0	0	17

Footnotes are after Table 10

Table 4 2009 Municipal Recycled Water Survey^a: South Coast Region Recycled Water Beneficial Uses

			Beneficial Use (AF/Year)										
County	Supplier	Total (AF/year) ^c	Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Los Angeles	Burbank Water and Power	2,090	319	440			1,332						
Los Angeles	County Sanitation Districts of Los Angeles County ^e	64,740	4,386	11,164	1,338		3,067		2,160	42,626			
Los Angeles	Glendale, City of	1,788	958	421		5	404						
Los Angeles	Las Virgenes Municipal Water District	5,174		5,154								20	
Los Angeles	Los Angeles, City of	67,297	1,359	5,449		5,242	20,865		8,843		19,920	5,619	
Los Angeles	Los Angeles County Department of Public Works	148		148									
Los Angeles	Point Dume Mobile Home Park	45		45									
Orange	El Toro Water District	380	370	9									
Orange	Irvine Ranch Water District	19,122	2,384	14,821	1,740	156	21						
Orange	Moulton Niguel Water District	8,215	1,150	6,318									747
Orange	Orange County Water District	67,613		2,431					37,749	27,433			
Orange	San Clemente, City of	1,025	642										383
Orange	Santa Margarita Water District	2,589											2,589
Orange	South Coast Water District	932	274	658									
Orange	Trabuco Canyon Water District	781		781									
Riverside	Beaumont, City of	^d											
Riverside	Corona, City of	4,313		4,313									
Riverside	Eastern Municipal Water District	32,845	2,297	2,075	22,764		1,650					2,805	1,254
Riverside	Elsinore Valley Municipal Water	6,903	285	475							5,498	645	

District									
Riverside	Rancho California Water District	1,255		955	300				
San Bernardino	Big Bear Area Regional Wastewater Agency	1,324			1,324				
San Bernardino	California Institute for Men (CA Dept of Corrections)	425			425				
San Bernardino	Inland Empire Utilities Agency	22,158	788	5,056	9,512	135	1,050	4,521	1,096
San Bernardino	Redlands, City of	759							759
San Bernardino	Rialto, City of	d							
San Diego	Carlsbad, City of	4,350	1,133	3,212					5
San Diego	Encina Wastewater Authority	57		1			56		
San Diego	Escondido, City of	621	200	200					221
San Diego	Fallbrook Public Utility District	690	11	385	294				
San Diego	Leucadia Wastewater District	235		235					
San Diego	Marine Corps Base (Camp Pendleton)	1,380	400	100	600			280	
San Diego	Oceanside, City of	263	68						195
San Diego	Olivenhain Municipal Water District	2,500	1,050	1,450					
San Diego	Otay Water District	4,407		4,401			6		
San Diego	Padre Dam Municipal Water District	1,792		878					914
San Diego	Ramona Municipal Water District	885			885				
San Diego	Rincon Del Diablo Municipal Water District	3,279					3,279		
San Diego	San Diego, City of	13,102	116	12,437			463		86

San Diego	San Diego Wild Animal Park	41											41	
San Diego	San Elijo Joint Powers Authority	1,281	564	716										1
San Diego	Santa Fe Irrigation District	548	338	197		13								
San Diego	Vallecitos Water District	1,557		1,557										
San Diego	Valley Center Municipal Water District	46	46											
San Diego	Whispering Palms CSD	105				105								
Ventura	Camarillo Sanitary District/City of Camarillo	1,293				1,293								
Ventura	Camrosa Water District	779				779								
Ventura	Fillmore, City of	110		110										
Ventura	Simi Valley, City of	23												23
Ventura	Triunfo Sanitation District	1,579		1,579										
Ventura	Ventura, City of	616	611	5										
Ventura	Ventura County Waterworks District 1	428	428											
Ventura	Ventura County Waterworks District 8	63				63								
South Coast Region Totals ^c :		353,951	20,177	88,175	41,359	5,614	32,193	0	49,032	74,580	25,418	10,421	6,982	

Footnotes are after Table 10

Table 5 2009 Municipal Recycled Water Survey^a: Sacramento River Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)											Other
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b		
Butte	Springs of Living Water	9			9									
Glenn	Willows, City of	577												577
Lake	Hidden Valley Lake Community Services District	388	388											
Lake	Lake County Sanitation District	2,274						2,274						
Lake	Lakeport, City of	703			703									
Nevada	Nevada CSD No. 1	51			51									
Placer	Lincoln, City of	3,358			3,358									
Placer	Placer County Department of Facility Services	68			68									
Placer	Roseville, City of	2,972	1,919	463				589						
Plumas	Quincy Community Services District	305			305									
Sacramento	Sacramento County Water Agency	963												963
Shasta	Shasta College	45			45									
Shasta	Shasta Dam Area PUD	310			310									
Tehama	Red Bluff, City of	40		40										

Yuba	Beale AFB	322	322										
Sacramento River Region Totals ^c :		12,385	2,629	503	4,849	0	589	2,274	0	0	0	0	1,540

Footnotes are after Table 10

Table 6 2009 Municipal Recycled Water Survey^a: San Joaquin River Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)											Wetlands, Wildlife Habitat ^b	Other
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment				
Amador	Amador Regional Sanitation Authority	552			552										
Calaveras	Angels Camp, City of	85	85												
Calaveras	Calaveras County Water District	104		46	58										
Calaveras	Murphys Sanitary District	160			160										
Contra Costa	Delta Diablo Sanitation District ^f	7,385		142			7,243								
Contra Costa	Ironhouse Sanitary District	2,543			2,543										
El Dorado	El Dorado Irrigation District ^g	2,594		1,940		654									
Madera	Central California Women’s Facility (CA Dept of Corrections)	356			356										
Madera	County of Madera Engineering Dept.	39		39											
Mariposa	Mariposa Public Utility District	^d													
Mariposa	U.S.D.I. - National Park Service	78		78											
Merced	Gustine, City of	758			758										
Merced	Le Grand CSD	177			177										
Merced	Los Banos, City of	337			337										
Merced	Merced, City of	1,418			275								1,143		

Sacramento	Galt, City of	1,555			1,555								
Sacramento	Rancho Murieta Community Services District ^g	525	500		25								
San Joaquin	Lockeford Community Services District	51			51								
San Joaquin	Lodi, City of	1,678			1,436		107					135	
San Joaquin	Manteca, City of	1,647			1,647								
Stanislaus	Ceres, City of	54		54									
Stanislaus	Modesto, City of	10,420			10,420								
Stanislaus	Newman, City of	827			827								
Stanislaus	Turlock, City of	168		168									
Stanislaus	Turlock Irrigation District ²⁰	1,357					1,357						
Tuolumne	Groveland Community Services District	81	81										
Tuolumne	Sierra Conservation Center (CA Dept of Corrections)	116			116								
Tuolumne	Tuolumne City Sanitary District	101			101								
Tuolumne	Tuolumne Utilities District	1,565			1,565								
San Joaquin River Region Totals ^c :		36,731	666	2,467	22,959	654	8,707	0	0	0	0	1,278	0

Footnotes are after Table 10

Table 7 2009 Municipal Recycled Water Survey^a: Tulare Lake Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)										
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Fresno	Coalinga, City of	865			865								
Fresno	Fresno Irrigation District	26,310			26,310								
Fresno	Fresno, City of	11,237	1		11,236								
Fresno	Fresno, County of	173		173									
Fresno	Kerman, City of	513			513								
Fresno	Orange Cove, City of	160			160								
Fresno	Pleasant Valley State Prison (CA Dept of Corrections)	570			570								
Fresno	Westhills Comm College District	1,137			1,137								
Kern	Arvin, City of	1,228			1,228								
Kern	Bakersfield, City of Public Works Department	34,497			34,497								
Kern	Bear Valley CSD	35	35										
Kern	Buttonwillow County Water District	72			72								
Kern	Delano, City of	537			537								
Kern	Kern County Waste Management Department	4,275			4,275								
Kern	Lamont Public Utility District	1,666			1,666								
Kern	McFarland, City of	1,224			1,224								
Kern	North of River Sanitary District No. 1	8,440			3,306					5,134			

Kern	Taft, City of	1,228			1,228								
Kern	Wasco, City of	1,740			1,740								
Kern	Wasco State Prison (CA Dept of Corrections)	512			512								
Kings	Avenal State Prison (CA Dept of Corrections)	736			736								
Kings	California State Prison (CA Dept of Corrections)	2,029			2,029								
Kings	Corcoran, City of	419	419										
Kings	Hanford, City of	4,349			4,349								
Kings	Kettleman, City of	252			252								
Kings	Lakeside Irrigation Water District	1,428			1,428								
Kings	Lemoore, City of	2,450			2,450								
Tulare	Cutler-Orosi Joint Powers Wastewater Authority	1,209			1,209								
Tulare	Earlimart PUD	359			359								
Tulare	Exeter, City of	30			30								
Tulare	Ivanohoe PUD	368			368								
Tulare	Pixley PUD	83			83								
Tulare	Porterville, City of	2,800			2,800								
Tulare	Tipton Community Services District	224			224								
Tulare	Tulare, City of	14,072			14,072								
Tulare	Visalia, City of	2,700			2,700								
Tulare	Wildwood Mobile Home Park ^h	11										11	
Tulare	Woodlake, City of	240			240								
Tulare Lake Region Totals ^c :		130,178	455	173	124,405	0	0	0	0	5,134	0	0	11

Footnotes are after Table 10

Table 8 2009 Municipal Recycled Water Survey^a: North Lahontan Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)										
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
El Dorado	South Tahoe PUD ⁱ	4,803			4,803								
Lassen	California Correctional Center	130			130								
North Lahontan Region Totals ^c :		4,933	0	0	4,933	0	0	0	0	0	0	0	0

Footnotes are after Table 10

Table 9 2009 Municipal Recycled Water Survey^a: South Lahontan Region Recycled Water Beneficial Uses

County	Supplier	Total (AF/year) ^c	Beneficial Use (AF/Year)										
			Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Inyo	Bishop, City of	436			436								
Inyo	Eastern Sierra Community Services District	^d											
Kern	California City, City of	364	364										
Kern	Ridgecrest, City of	684		684									
Los Angeles	95 CEG/CEOES (Edwards AFB)	1,341		1,341									
Los Angeles	County Sanitation Districts of Los Angeles County ^e	21,445		229	14,530		4					6,681	
Mono	Mammoth Community Water District	215		215									
San Bernardino	Barstow, City of	1,326			1,326								
San Bernardino	CA Dept of Forestry and Fire Protection	10			10								
San Bernardino	Fort Irwin	107	107										
San Bernardino	San Bernardino, County of	220		220									
San Bernardino	Victor Valley Wastewater Rec Authority	404	385										19
South Lahontan Region Totals ^c :		26,552	856	2,689	16,302	0	4	0	0	0	0	6,681	19

Footnotes are after Table 10

Table 10 2009 Municipal Recycled Water Survey^a: Colorado River Region Recycled Water Beneficial Uses

			Beneficial Use (AF/Year)										
County	Supplier	Total (AF/year) ^c	Golf Course Irrigation	Landscape Irrigation	Agricultural Irrigation	Commercial	Industrial	Geothermal Energy Production	Seawater Intrusion Barrier	Groundwater Recharge	Recreational Impoundment	Wetlands, Wildlife Habitat ^b	Other
Imperial	Calipatria, City of	172										172	
Riverside	Coachella Valley Water District	7,565	6,988	577									
Riverside	Desert Water Agency	3,674	3,100	7							420		147
Riverside	Valley Sanitary District	1,627			1,627								
San Bernardino	USMC, Air Ground Combat Center, Twenty Nine Palms	1,052		1,052									
Colorado River Region Totals ^c :		14,090	10,088	1,636	1,627	0	0	0	0	0	420	172	147

Footnotes are after Table 10

Footnotes for all tables

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- a 2009 Recycled Water Survey summarizes the beneficially reused treated municipal wastewater for the 2009 calendar year. The survey was conducted jointly by the State Water Resources Control Board and the Department of Water Resources. Additional information on the survey can be found at http://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/munirec.shtml
 - b Category also includes natural systems restoration
 - c Totals may not add directly because of rounding
 - d Agency reported that it uses less than 50 acre-feet of recycled water per year and did not complete a survey
 - e Los Angeles County Sanitation Department's (LACSD) Lancaster and Palmdale water recycling plants produce recycled water produced and used locally. The 2009 Recycled Water Survey grouped LACSD's use into the Los Angeles Region (Regional Water Quality Control Board). For the California Water Plan, LACSD use is shown in the hydrologic region in which the plant and use occur – Lancaster and Palmdale in South Lahontan Region and the remainder in South Coast Region.
 - f A portion of the recycled water is served in the San Francisco Bay Hydrologic Region. Delta Diablo Sanitation District was shown in the San Francisco Bay Region (Regional Water Quality Control Board) in the 2009 Recycled Water Survey
 - g A portion of El Dorado Irrigation District's recycled water is served in the Sacramento River Hydrologic Region.
 - h The Wildwood Mobile Home Park location incorrect in the 2009 Recycled Water Survey. The correct location is Tulare County.
 - i The recycled water use for South Tahoe PUD was incorrect in the 2009 Recycled Water Survey. The correct use is agricultural irrigation.
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